H5291-5328. D5827-5836.

1-1 01	
Bredge No. 527/ Date,	
Sdg. Mch. Reel	Shot Lead 1bs.
Turns Cor'n	Depth / 3 fms.
Sag. CupAmi	. Bot'm Sample
Character of Bottom	
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Thermom. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Cor'n Stem.
Bottom Reading 43.57743	Cor'd Temp. 43.43
(-43 Time /	1286
Temp. Surf. 42.73 Time	Air
Density: Surf.	fms.
Wind: Direction	Force 2 3
Baromet. 20.09 Amt. of Clouds	/ O State of (0
	and the state of t
Weather	
Direction and Force Surface	******************************
Bottom	
Tide Ook Ch	<u></u>
General Locality	
Position	
Chart used: No Ed	'n
Drift: Direction	Distance
Drift: Direction	Distance
Depth of Haul Inter	Distance
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Depth of Haut Apparatus and Rig used 4 August Marie Tin	Distance
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Dredge Wo. 292 Date, 19/
Sag. Mch. Lead Reel Lead Ubs.
Turns Cor'n Depth / 3 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. {Make 3 / Cor'n {Instr. Stem.
Bottom Reading - 43.43 Cor'd Temp. 43.43
Temp. Surf. Time Air Air
Density: Surf. fms.
Wind: Direction Force
Baromet, 30, 37 Amt. of / State of Clouds / Sea
Weather 03
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Surface
Direction and Force Surface of Ourrent.
Tide
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General Locality
Position
Chart used: No Ed'n
Drift: Direction Manual Distance
Depth of Haul
Apparatus and Rigused & Attention of the
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Time towing h. m.
Remarks: & A mark harder hot & Macket
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Deck Officer Recorder Recorder

777	SC	SOUNDING WIRE.					******	DREDGING CABL			ABLI	E.	
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Predge No. 293 Date, 19
Sdg. Meh. Reel Shot 14 lbs.
Turns Cor'n pepth fms.
Sag. Cup Amt. Bot'm Sample
The area store of
Character of Bottom
m. 7.3.
Thermon. (Make) Cor'n Instr.
Bottom Reading 2 44 R 44 Cor'd Temp. 43,93
(43.5 Time 2:426) (52°
Temp, Surf. 43.23 Time Air
Density: Surffms.
Wind: Direction S. C. Force 2 3
Baromet, 30,07 Amt. of 10 State of Clouds 10 Sea.
Weather 02

Direction and Force B
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Tide Alaba
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General Locality
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Position
Chart used: No Ed'n
Drift: Direction World. Distance
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Depth of Haul
Apparatus and Rig used I July 1 1 1 date
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Time, towing h. 2 m.
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Remarks:
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Deck Officer 11-1023

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Sdg. Mch.		Reel		Shott	lbs.
Turns	Cor'n	4-1-7-1	Depth	6	fms.
Sag. Cup		Amt. Bot Sam	n ole		
Character of Bottom					
Thermom. Make	3		(Instr.		
No. J. L	6191118		Stem.		
Bottom Reading	449-1	44.8	Cor'd	Temp. 4	4.78
Temp. Surf. \ 44	Tin	re 31, 18.	7-1	1-2	
43.3	Tin	<i>ie</i>		Air	
Density: Surf.	0.2			fms.	
Wind: Direction	50 87	F.	orce		
Baromet. 30.0				tate of Sea)
A CONTROL CONTROL OF THE CONTROL OF	Crona	8		Sea	
Weather					

Direction and Force of Current.	Surface				
of Current.	Bottom				
Tide					
General Locality					
Position					
Chart used: No		_ Ed'n			
Drift: Direction	w-din	id -	Dista	nee	
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Deck Officer MA	M. W. W.	Record	r	UA	1—1023

Dredge No. Date,	·	, 19
Sag. Mch. Ree		Tbs.
Turns Cor'n	Depth (2	fms.
Sd2, Cup	mt. Bot'm Sample	
Character of Bottom		
(Make	(Instr.	
Thermom.	('or'n Stem.	*** **
Bottom Reading 450 . 45	. Cor'd Temp. 4:	5,58
Time	4:04 3	1.
Temp. Surf. Time	/ { .dir }	
Density: Surf	fms	
Wind: Direction	Force 4	
Baromet. 20 12 Amt. of Clouds	/ n State of C	
Weather .		
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Direction and Force Surface of Current.		
Tide		
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and desired and the second sec		
General Locality		

Position		
Chart used: No.	Ed'n	
Drift: Direction	Distance	
Depth of Haul Like		
Apparatus and Rigused L.	11, 22 1	
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	Time towing	14 m.
Remarks:		
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Deck Officer .

SOUNDING WIRE.	FMS.	DREDGIN	G CABLE.
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Dealer Nydrog No. 7 Date, 12 3
Sag. Mel. Reel Broads 10 lbs.
Turns Cor'n Depth O fms.
Sd&, Cup Amt. Bot'm Sample
Character of Bottom
Thermon. { Make Cor'n {
(No. L: 1019 - 1): 109 C (Stem.
Bottom Reading Lie 4.0 A: O Cor'd Temp. 45.93
Temp. Surf. Time 7:35 Air
Temp. Surf. \\ \(\frac{\frac{1.5}{5.5}}{75.5} \) Time \(\frac{1.5}{5.5} \) Air \\ \(\frac{1.5}{5.5} \) Time \(\frac{1.5}{5.5} \)
Density: Surffms.
Wind: Direction SE Force 4
Baromet. 30 01 Amt. of 15 State of C.
Weather 0
Surface .
Direction and Force Surface of Current.
Tide
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General Locality
General Locality
General Locality Position
Position
Position Chart used: No. Rd'n Distance
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Position Chart used: No. Rd'n Distance Drift: Direction Distance
Position Chart used: No. Rd'n Distance Drift: Direction Distance
Position Chart used: No. Rd'n Distance Drift: Direction Distance Depth of Haul Int. Apparatus and Rigused
Position Chart used: No

Deck Officer 1. 1. 1.

Recorder

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Bredge J.vo. 5 62. 7 -	Date,	
Sag. Mch. Throad Line	findeel.	Shott Lead? lbs.
Turns Cor'n		12-12/2-6/yms.
Sdg. Cup	Amt. Bot'm Sample	
Character of Boltom		
(Make	(lar'n) Instr	
$Thermom. \begin{cases} Make \\ No. \end{cases}$	Cor'n Stem	
Bottom Reading	Cor'd	Temp
Temp. Surf. 47	Time 75	dir
Temp, Surf.	Time	dir
Density: Surf.		fms.
Wind: Direction Classics		
Baromet. 30,44 - Cl	nt. of couds	State of Sea
Weather		
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Direction and Force Surface		
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \bigg\}_{Baltom}^{Surface}$		
Tide = 3	and and all and in half and combined all and half has all half and an experience and an extra contract and and	
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General Locality		
Position		
Chart used: No.	Ed'n	
Drift: Direction	Dis	tance
Depth of Haul botton	·	
Apparatus and Rig used - 3	"Committee	the state of the s
Brown Goran Com		
	Time towing	h. 1 1/2 m.
Remarks: Par Come		.'.

SOUNDING WIRE.	777.14	DREDGING CABLE.
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Dredge No. V. Date,	Ç	2.1 ,19/
Sdg. Mch. France Rec	1	Shott Leads 1bs
Turns Cor'n	Depth	fms
Sdg. Cup An Character of Bottom	rt. Bot'm Sample	- · ·
Thermom. $\left. \begin{cases} Makc \\ No. \end{cases} \right$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	. Cor'd	Temp
Temp. Surf. Time /	//00 }	Air dir
Density: Surf.		fms
Wind: Direction Worksone	Force .	
Baromet, 2 4	1 5	Sea - 0
Weather 129	***	
Direction and Force Surface of Current. Rottom Tide		
General Locality		
Position		
Chart used: No	Ed'n	
Drift: Direction	Dist	ance:
Depth of Haul forthere		
Apparatus and Rig used & - ' 2 -		, 15 °
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	'ime towing	h. 2 7 m
Remarks:		,
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Deck Officer Back

Dredge INO. Z Do	dr, .,		, 19
Sag. Meh	livet	Shot \ Leads	ths.
Turns Cor'n		oth	fms,
Sd.g. Cup Character of Bottom	Amt. Bot'm Sample		-
Thermom, $\begin{cases} Make \\ No. \end{cases}$	Cor'n Ste	tr. m.	
Bottom Reading		'd Temp,	
Temp. Surf. Tim		Air	5-20
Density: Surf.		fms,	
Wind: Direction Valier		0-1	er er er er en
Buromet, 30, 42 Amt. o Clouds	f. /.	State of Sea:	- 17
Weather			
Direction and Force Surface of Current. Bottom			
General Locality	-		
Position	***************************************		
Chart used: No.	Ed'n		
Depth of Haut for the	D.	istance	
Ipparatus and Rig used			, · ·
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	Time towing	'n.	/ U m.
Remarks:			

SOUNDING WIRE.	FMS.	DREDGING CABLE.
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Dredge No.	Date,		, 19
Sd.g. Mch.	Reel	Shot \ Lead?	Ibs.
Turns Cor'n		Depth	fms.
Sdg. Cup	Amt, Ba	ot'm nple .	
Character of Bottom			
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No		Stem.	
Bottom Reading		Cor'd Temp.	
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Density: Surf.		fms.	
Wind: Direction Est		Force	
Baromet. 30. 41	Amt. of Clouds	State of Sea	
Weather		1.7	
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Direction and Force $\begin{cases} Surfactor \\ of Gurrent. \end{cases}$ Bottom	· T	1	
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General Locality	7		
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Position) 		
Drift: Direction		Distance	
Depth of Haul			
Apparatus and Ris used			
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Bredge No. 5297 Date, Jan 20, 19/
Hydrogs
Turns Cor'n Depth : / C fms Sde, Cup Amt. Bot'm Sampte
Character of Bottom
Thermon. \{\text{Make} \\ \text{No.} \frac{1019}{1019} \text{Tr.} \text{102} \text{2} \text{Stem.} \text{Stem.}
Bottom Reading Cor'd Temp. 47.93
Temp. Surf. { 1/8 Time / 1 2 3 P Air 591
Density: Surf fms.
Wind: Direction Force D 1
Baromel. Amt. of 2 State of S
Weather bas
Direction and Force $\left\{ egin{array}{ll} Surface & \dots & \dots \\ of Current. & Boltom & \dots & \dots \end{array} \right.$
Tide
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Cuchine d. Distance
Apparatus and Ris used 4 , July 7 1: 11. 10
Time towing h.
Remarks: EMkor 2 1 161, Collins
Deck Office Wij Chi Ad, Recorder & July

SOUNDING WIRE.	7334.1	DREDGING CABLE
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Hydrog. No.	ate,)
Sdg. Meh.	Reel Shots / 1bs.
Turns Cor'n	Depth / U fms.
Sd &. Cup	Amt. Bot'm Sample
Character of Bottom	
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Thermon. Nod 1019 R	/023 Cor'n Stem.
Bottom Reading	Cor'd Temp. 48.18
(47.9 Tin	111-0 0 . (50
Temp. Surf.	\ .1ir\
47.63 Tin	<i>te</i>)
Density: Surf.	fms.
Wind: Direction	Force 3
Baromet. 30.38 Amt.	of 2 State of S
Weather	
2	
Direction and Force Surface	
Bottom _	
Tide	
C11 121	
General Locality	
Position	-
Chart used: No	Ed'n
Chart used: No.	1
Drift: Direction	
Drift: Direction	1
Drift: Direction	Distance

Dredge Hydrog. No.	Date,		, 19 .
Sd.g. Mch.	Reel .	Shot \ Lead}	lbs.
Turns Cor'n		Depth .	fms.
Sd.g. Cup	Amt, Bot'r Sampi	n le	
Character of Bottom			7700
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Thermom. $\left\{_{No},\right.$	Control	Stem.	
Bottom Reading			7.7.8
(Time	1)
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	Amt. of Clouds	State of Sea	
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Weather			
Direction and Force Surface of Current.	CC		
of Current. Botton	п .		
Tide			
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Position			
Chart used: No.			•
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		Distance	
Depth of Haul		6, 12, 1	
Apparatus and Rig used .			
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Deen Officer, parameter	werer(te)	1	1-1023

Dredge No De	utc,	, 19
Sag. Mch. Lang	Reel 1	Shot / (1bs.
Turns Cor'n	Depti	h fms.
Sd.g. Cup	.1mt. Bot'm Sample	
Character of Bottom		~~~
Thermon.	Cor'n Instr	
Bottom Reading J. U. J. V. O. J.	Y/ Cor'd	Temp. 4/7 63
Temp. Surf. Tim	}	.fir
Density: Surf.		fms.
Wind: Direction'	Force	· /
Baromet, 30,38 Amt. of Cloud	f 3	State of Sea
Weather		
	-	
Direction and Force of Current.	***************************************	
Tide		
General Locality		
Position		
Chart used: No.	Ed'n	
Drift: Direction		lance
Depth of Haul Inter	1713	nance
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Turns Cor'n Depth / O fms.
Sag, CupAmt. Bot'm Sample
Character of Bottom
Thermon. { Maker 10/9 - 1023 Cor'n { Stem
Bottom Reading Cor'd Temp. 47.08
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Turns Cor'n Depth fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. \\ \(\text{Nake} \) \(\text{No. 1019} \) - 1023 \(\text{Cor'n} \) \\ \(\text{Stem.} \)
Bottom Reading Cor'd Temp. 46.88
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General Locality
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Chart used: No Rd'n
Drift: Direction
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Apparatus and Rig used (1972)
Time towing h. 9 m.
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Character of Bottom
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Thermom. \ No. 1019 - 1073 Cor'n \ Stem.
Bottom Reading (0.5 - 40.7 Cor'd Temp. 46 68
Temp. Surf. Time
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Baromet, 30,34 Amt. of 3 State of S
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Baromet, 30,25- Amt. of Clouds	3 State of Sea
Weather - 22	
Direction and Force Surface of Current.	
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General Locality	
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Chart used: No	Ed'n
Drift: Direction	Distance
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Apparatus and Rig used	
	Time towing h , m .
Remarks:	

Hydrog No. 5-305 Date, (ar 21 , 19.	/.
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Turns Cor'n Depth // fn	ıs
Sd.g. Cup Amt. Bot'm Sample	
Character of Bollom	
Thermon. {\make \lambda \tau_{\text{od}} \text{!} \text{Cor'n} \text{\text{Stem.}}	
Bottom Reading & 78.3 1. 45.2 Cor'd Temp. 48.18	
Temp. Surf. #1/1.45 Time 1.5 (2.5) dir	-
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Depth of Haul Sallincediate	
Apparatus and Rig used 4	
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Turns Cor'n	Depth	Letter)	fms.
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Character of Bottom			
Thermon. (Make)	Cor'n Instr.		
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General Locality			
Position			
Chart used: No.	Ed'n		
Drift: Direction	Dist	ance	
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Remarks:	19 11. /	

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Sdg. Mch. :	Shot Lead 1bs.
Turns Cor'n	Depth fms.
Sdg. Cup Character of Bottom	Imt. Bot'm Sample
Thermon.	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp. 4/5.93
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Density: Surf.	fms.
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Baromet. 30112 Amt. of Clouds	State of Sea
Weather (: : : - :	
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Position Chart used: No.	Ed'n
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Turns Cor'n Depth fms	
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Character of Bottom	
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Sug. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. {Make A Cor'n {Instr
Bottom Reading 4-6 W Cor'd Temp. 46 68
Temp. Surf. 46. 6 Time 12:16 .lir
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Density: Surf. fms.
Wind: Direction Calus Force O.
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Weather - 3
Direction and Force Surface 22 New to 37 etc.
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Position Chart used: No Ed'n Drift: Direction Chart of ed Distance Depth of Haut Inter Inparatus and his used 4/ Time towing h. 18 m. Remarks: Ec. 11 2 2 4
Position Chart used: No Ed'n Drift: Direction Conchosed Distance Depth of Haut Inter Inparatus and Ric used 4/
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Hydrog No. 52 14 Date, 10 19
Sag. Meh. //1 Reel / Shot Lead 16 1bs
Turns Cor'n Depth fms
Sale, Cup Amt. Bot'm Sample
Character of Bottom
Thermom. (No. 104924 T 108018 Cor'n (Stem.
Bottom Reading 45.0 47.00 Cor'd Temp. 4693
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Density: Surf. fms
Wind: Direction Calm Force 0
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General Locality
Position
Chart used: No Ed'n.
Drift: Direction anihor Distance
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Apparatus and Rigused
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Remarks: Echan grain and -

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Turns Depth Depth fms.
Hydrog No. Date, 12 Shot Leads Turns Cor'n Depth Sms. Sdg. Cup Amt. Bot'm Sample Character of Bottom
Thermom. {Make 7 Corn {Instr. Corn {Stem. Stem. St. 0.8
Bottom Reading Cor'd Temp. 51.08
Bottom Reading \(\sigma \) \(
Density: Surf fms.
Wind: Direction Cathe Porce 0
Density: Surf. fms. Wind: Direction Amt. of State of S Weather Sea S
Weather Jan
Direction and Force Surface 3/1150 7 40 Sec.
Tide
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Priches Distance
Depth of Haul Zite
Depth of Haul Triller. Apparatus and Rig used
approving the tig used
Time towing h, // m.
Remarks: France sonte the Mark
Note water Sample on the Adding -
Note water Sample on the state.
Deck Officer 1. 1. Recorder 11-1023
Deck Officer 1. 11-1023

Dredge \ No.	53%	Date,	C	2%	, 197
Sdg. Mch		Reel		Shot \	11/ 11/
Turns			Depth	۷	– fm:
Sdg. Cup		Amt_{i}	Bot'm Sample		
Character of Bottom			•		
Thermom. Ma	ke 71 :	3	Tor'n $Instr.$		
			Stem.		
Bottom Reading			Cor'd	Temp.	77.73
Temp. Surf.		Time /s:	y. Z }	Air	1, 0
Density: Surf.				fms,	
Wind: Direction		relan	Force	0	
Baromet, 22.		mt. of louds	D. 8	tate of Sea	5
Weather	ling	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~			
Direction and I of Current.		30 7	Ters in	48	S. Rene A.
General Localit	<u></u>				
Position					
Chart used: No).	Ed'	n		
Drift: Direction	n 97	chrod	Dista	ınce	
Depth of Haul.	. 7 -				
Apparatus and .	Rig used	11. 2-	·	. , , ,	, ,
		. Time	e towing	7.	11 m.
Remarks:	56.00 22		7		
HUBBUT RO. Ame	26, 11 12.14		******	. 2 .	

Deck Officer Vis 75

Recorder (

11 - 102

Bredge No. 1217 Date, Jan 27 16 ,191
Sag. Mch. The Reel I'V that Leady It the
Turns Cor'n Depth fms
Sag. CupSample
Character of Bottom
Thermon. \ \ \(\begin{array}{l} \ Mol. 124974 - 108018 \\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading 7.2 172 Cor'd Temp. 47.2.3
Temp. Surf. 18 10 Time 7:17:20 sir 63.50
Density: Surf. fms
Wind: Direction Calm Force O
Baromet. 35 14 Amt. of 2 State of S
Weather bea
Direction and Force Surface O N
Tide
General Locality
Position
Chart used: No. Ed'n
Drift: Direction Congress Distance
Depth of Haul Take
Apparatus and Rigused
approximation and used to the second of the
Time towing h m.
Remarks:
*

Deck Officer Vist. 16. Recorder

SOUNDING WIRE.	***	DREDGIN	G CABLE.
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Hydrogs No. 52/18 Date, Line 29 ,19
Sag. Meh. TM Reel Short 10 1bs
Turns Cor'n Depth S fms
Sdg. Cup Amt. Bot'm Sample
Character of Boltom
(Make / Z (Instr.
Thermon. \ No. 194924 7 128218 Cor'n Stem.
Bottom Reading 47.50 17.) Cor'd Temp. 4718
Temp. Surf. \ \\ \(\frac{48.7°}{\text{Time 7:48.40}} \) Air
Temp. Surf. Air
Density: Surf
Wind: Direction Calm Force O
Buromet. 30. 14 Amt. of State of Sea
Weather Laz
Surface 1 60 73 12 1/7 1 1/7
of Current, Rottom
Tide Flat
General Locality
Position
Chart used: No Ed'n
Drift: Direction duckers Distance -
Depth of Haul Inter,
Apparatus and Rig used
Time towingh, _// m.
Remarks: First ve to

Drek Officer at . Thing Recorder Coloring

11-1023

India No. SO Date, ,19
Sd.g. Meh Reel (Shall Lead)
Turns Cor'n Depth ' fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading Conta Temp. 47.78
Temp. Surf. { Time ? 1/2:25 } .tir }
Density: Surf
Wind: Direction Calm Force D
Baromel. 3D Amt. of U State of Sea
Weather
Direction and Force Surface - Surfac
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction Analyse Distance
Depth of Haut /nk-
Ipparatus and Rigused
Time towing h. 12 m.
Remarks: - Comments
-

Deck Officer Met. Time Recorder fill-11-1028

SOUNDING WIRE.	DB	EDGING CABLE.
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Describe No. \ Date,
Sdg. Meh
Turns Depth : // fms.
Sdg, Cup Amt. Bot'm Sample Character of Bottom
Thermon. \\ No. 104924-108018\\ Siem.
Bottom Reading Cor'd Temp. 48.33
Temp. Surf. { Time 1/20 = 1 Air } Air }
Density: Surf. fms.
Wind: Direction WW Force
Baromet. 1 / Amt. of Y State of Sea
Weather
Direction and Force Surface 20 44
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction and Distance
Depth of Haul / 2202.
Apparatus and Rigused the Int 9 77 12
Time towing Ti. // m.
Hemarks: Echina - orale. 1 11

Deck Officer Mr. Ring Recorder State 11-1023

SOUNDING WIRE.	X33.444	DREDGING CABLE.
M. Down. Up. C. M.	FMS.	ITM. Down, Up. OM.
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Dredge No. 5833	Date,	, hos	2%		9/
Sdg. Mch.	Reel	Ĩ.	Shot (Lead)	14	lbs
Turns Cor'n			th i		fms.
Sdg. Cup	An	sample			
Character of Bottom					
Thermom. $Make$		Cor'n Ins			
Bottom Reading		Cor	d Temp.		
Temp. Surf.	Time	1:2a		630	
Density: Surf.			fms.		
Wind: Direction Cal	mi .	Force	0./		
Baromet, 22	Amt. of louds	0	State of Sea	P	
Weather Lag					
Direction and Force Surface of Current.					
Tide					
General Locality					
Position					
Chart used: No	E	d'n			
Drift: Direction	<u> </u>	Di	stance		
Depth of Haul)ne	*******	-	,	
Apparatus and Rig used	1		-	.,	
	Ti	metowing	h.		771.
Remarks:					

Deck Officer 11. The Recorder Con in 1902

Bredge No.	100	ate,	:	, 19.
Sdg. Mch.		Reel	Shot (7 <i>b</i> :
Turns	Cor'n	1)		fms
Sdg. Cup		Amt. Bot'm Sample		
Character of Bottom .	······································			
Thermom. $\begin{cases} Make \\ No. \end{cases}$		('or'n	istr.	
Bottom Reading	47.17	() // Co		7. 38
Tunn Suns	Tin	ne in in in	1!	6
Temp. Surf.	7.03 Tin	10	} .fir	
Density: Surf.	,,,,,	**********	fms	
Wind: Direction.	hve.	Force	4-1	
Baromet. 30.		of S	State of Sea)
Weather (!.				
Direction and For- of Current.	ce Surface?	5	12.20	
Tide : El.	Bottom at a	7,,		
General Locality				
Position				
Chart used: No.		_ Ed'n	~~~~~~~~~	
Drift: Direction	india	ed.	Distance	
Depth of Haul	Lite			
Apparatus and Rig	used 4	1,.70 . : 7	7/	.An
1. 1	· · · · · · · · · · · · · · · · · · ·			
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		Time towing	h.) m.
Remarks: Ec.	15 7 1 13	: 6 . / .	11.	. L
There &	1/11:1:	i., ,	1	
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Deck Officer | 1 | 1 | Recorder

Hydrog No. 32 1- Date, 19/
Sag. Meh A. 1:11 Reel Shott ! Ths.
Turns Cor'n Dentli & fms
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
(Make (Instr.
Thermom. Not Cor'n Stem.
Bottom Reading a Cor'd Temp. 47.53
Temp. Surf. Fine Str.
Temp. Surf. Time Air
Density: Surffms
Wind: Direction of oth Porce 0-1
Baromet. 3.0.1 & Amt. of 6 State of Sea
Weather (P.) S.
Direction and Force Surface 7 Revo. 49 25. Buttom
Tide
General Locality
Position

Chart used: No. Edin
Chart used: No. Ed'n
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. 2
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Ris used H. J.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. 2
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Ris used H. J.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Ris used H. J.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soff weight. Time towing h. J. V.m. Remarks: Soft 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soff weight. Time towing h. J. V.m. Remarks: Soft 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Chart used: No. Ed'n Drift: Direction Distance Depth of Haul Apparatus and Rigused H. Dr. Soft weight. Time towing n. 19 m. Remarks:

SOUNDING WIRE.		DREDGING CABLE.
J. M. DOWN. UP. M.	FMS.	M. Down, Up. (M.
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Dretter No. Date, 1 8 ,191 Sida Meh. Start, Reel The Least Us.
Sdg. Meh. Reel - Brothe 1 Ubs.
Turns Cor'n . Denth .
Sdg. Cup Sample
Character of Bottom
Maha 11. 12.
Thermom. { No. / 24924-/28.018 Stem. Stem. Wo. / 24924-/28.018 Stem. Stem. World Temp. 4828
Bottom Reading . 4154 1 4 . Cor'd Temp. 48.28
(1. 1 to Time 3 371) , SU'
Temp. Surf. Time 3 57 J Air SC
Wind: Direction The Force O - / Baromet, 30:18 Amt. of State of St
Baromet, 30:18 Amt. of State of S
Weather C. C.
Isurface 10 Revilo Rea
Direction and Force Surface 10 Port 80 Rep. Buttom Tide J. Cool.
m. To Cook.
True of January and the second sec
General Locality
Position Chart used: No. Kd'n Drift: Direction Line Distance Depth of Haul Lite Apparatus and Rigused The Lite Control of the Control of
Chart used: No. Ed'n
Die Die Alex Cin and
Distance
Depth of Haul
Apparatus and Rigused The
the state of the s
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Time towing h. '5 m
Remarks: E. M. 12 12 12 12 12 12 12 12 12 12 12 12 12
Name of the second seco
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Deck Opter 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

Border No. 5 3 2 4 Date, 12 m 1 , 19/
Sag. Meh. Je 11 . Reel J. H. Shuts I'll Ihs.
Turns Cor'n Depth / C fms.
Sde. Cup Ant. Bot'm Sample
Character of Bottom
Thormon. \ Jake \ , ?
Thermom. \ 104924-108018 (Stem.
Bottom Reading J, 4 , 5 17,48 Cor'd Temp. 18.33
Let it was a second temp.
Temp. Surf. Lime I all Air
Density: Surf. fms.
Wind: Direction \ Force 0 - /
Baromet, 30.15 Amt. of State of Sea
Weather \
19. 0. 2 n. Barn 44100
Direction and Force Surface 2 o Box 44200 Bottom
Tide of look,
Tide
General Locality
Position
Chart used: No Ed'n
Drift: Direction (1 Distance
Depth of Haut.
Apparatus and Rigused W. J. Jerry
15 ce se glet
10
Remarks: Celling h. Om.
Remarks: Collinswill
Drek Opper MW Recorder
Deck Officer VV 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

11-4023

Hydrog No Date, , 19
Sdg. Mehr
Turns Cor'n Depth
Sd.c. Cup Amt. Bot'm Sample Character of Bottom
Thermom. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Bottom Reading . 45.43
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surffms.
Wind: Direction Variable Force 5-1
Baromet. 20,76 Amt. of State of Clouds Sea
Weather JC :
Direction and Force Surface 24 Mer. in 40 sec.
Tiae The
General Locality
Position
Chart used: No
Drift: Direction Curalina Distance
Depth of Haul Inter
Ipparatus and Rio used 150 H weight
Time towing
Remarks: Sales as a forther week
Truck to wind a service and
and the state of the same

11—1023	The second secon			
SOUNDING WIRE.	FMS.	DREDGING CABLE.		
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Hydrog No. 5-3.2.6 Date, Date, 2
Salg. Meh. The Reel T. T. Shott I Us.
Turns Cor'n Depth 19 fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
Thermon. { Make Light Cor'n { Instr. Stem. Stem. Bottom Reading 470 List of Cor'd Temp. 45.88
Bottom Reading 4/0 / 45 Cor'd Temp. 48.88
Temp. Surf. Time 4. 67 Air 18.13
Density: Surf.
Wind: Direction Dariable Force 0 - 1
Baromet, 30,19 Amt. of State of Sea Sea
Weather Sozf
Direction and Force Surface St. New in S. McCls.
Tide What
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processing of the same of the
General Locality
Position
Chart used: No. Ed'n
Drift: Direction
Depth of Haut Juter:
Apparatus and Rigused 4 200 2;
150 Dingelis.
Time towing h. 10 m.
Remarks:

Deck Officer dean 18 1 Recorder 18 1 1 100 19

SOUNDING WIRE.	DREDGING CABLE.
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Hydrog No. 5327 Date, Just 28 ,19/3
Salg. Meh. T. H. Reel 17 1 Short 14 ths.
Turns Car'n Depth 10 fms.
Sd.g. Cup Amt. Bot'm Sample
Character of Bottom
Thermom. Make H. J. Cor'n Instr.
Bottom Reading 1. 49.0° = 1. 2 Cord Temp. 48.93
Temp. Surf. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surffms.
Wind: Direction Variable Force a -1
Baromel. 30. 19 Amt. of State of Sea
Weather begs
Direction and Force Surface O.A
Tide / Land
General Locality
Position :
Chart used: No Ed'n
Drift: Direction auchored Distance
1 4
Depoil of 11000
Apparatus and Rig used 7 Oct. V
165 don sauches
Timetowing h. / D m.
Remarks: & Committee Committee Committee
2012/10/

Drek Officer Love 1 1 1 Recorder 10 11 102

Butter No. & 324 Date, Love 26 ,1913
Sale, Meh. Leads 14 1hs.
Turns Depth ::// fms.
Sag. Cup Amt. Bot'm Nample
Character of Bottom
Thermon. \ No. 11 or Cor's Cor'n Stem.
Bottom Reading Ja 491 1 49.0 Cord Temp. 48.98
Temp. Surf. Time 5:12 4ir 46.73
Density: Surffms.
Wind: Direction Force 0 - /
Baromet. 3. 4 Amt. of State of Sea
Weather boy:
Direction and Force Surface 20 // // 40 . // Rottom
Tide Thord
General Locality
Position
Chart used: No Ed'n
Drift: Direction Distance
Depth of Haul bottom
Apparatus and Rigused 7
150" due to
Time Lumini

Deck Officer Lester Villa Recorder Continue

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Dredge No. Dat		, 19 .
Sag. Meh. And Searl n	rel Shot 14.	1hs.
Turns Cor'n	Depth //	fms.
Sdg. Cup Character of Bottom	Amt. Bot'm Sample	
Thermom. $\begin{cases} Makr \\ No. \end{cases}$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd Temp.	,
Temp. Surf. Time	10.08 Air	/
Density: Surf.	fms	
Wind: Direction JE	Force O to 1	
Baromet. 2 .) (A Amt. of Clouds	State of Sea	
Weather		
Direction and Force Surface of Current.		
Tide		
General Locality		
Position		
Chart used: No	Ed'n	~~~~~
Drift: Direction	Distance	all the side will be the same party.
Depth of Haul.		1
Apparatus and Rigused '	· · / / / / / / / / / / / / / / / / / /	-
	`	-
	Time towing h.	m.
Remarks:		

Deck Officer | Recorder | Recorder

SOUNDING WIR	E.		DREDGING CABLE.				
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Dredge No. 5 3 Date	
Sag. Mch. J. L. L. Re	el Shot 1bs.
Turns Cor'n	Depthfms.
Sd.g. Cup	(mt. Bot'm Sample
Character of Bottom	
$Thermom. \begin{cases} Makr \\ \mathcal{N}o. \end{cases}$	$cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp, 57
Temp. Surf. Time	Air
Density: Surf.	files,
Wind: Direction 5	Force O. To
Baromet. Ant. of Clouds	10 State of S
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality	
Position	
Chart used : No.	Ed'n .
Drift: Direction	Distance
Depth of Haul	1
Apparatus and Rigused (1995)	1. The British
	Time towingh,
Remarks:	

SOUNDING WIRE.		FMS.	DREDGING CABLE.							
M. Down.	M. Down. Up M.		PMS.	A.M. Down.				UP	a	_ M.
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			200							
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			8900		+					1
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			4100							
			4200					-		
			4300							
			4400		-					
			4500		-					
			4600		-					
			4700		-			-		
			4800		1					

Dredge 3 No. 58 36 Date, Feb 3 , 19/3
sag. Men und land Reel Seal 14 us.
Turns Cor'n Depth 6 fms.
Sdg. Cup Amt. Bot'm Sample Character of Bottom
Thermom. $\begin{cases} Make & & Cor'n \\ No. & & Stem. \end{cases}$
Bottom Reading Cor'd Temp,
Temp. Surf. Time 11.06 Air 48
Density: Surf. fms.
Wind: Direction Calm, Force D
Baromet. 30. 18 Amt. of State of S
Weather CT
Direction and Force Surface Of Current.
(Bottom
Tide
and the forest contract of the second of the
General Locality
Position
Chart used: No Ed'n
Drift: Direction Distance
Depth of Haul & allera
Apparatus and Rigused Orange Poel Bucket

Time towing h. m.
Remarks;
mark. atom
Deck Officer William A Recorder All

	SOUNDIN	IG W	IRE.	FMS.	DREDGING CABLE.						
*****	M. Down.	_			A. M. DOWN, UP. A. M.						
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